

Peter Gaccione
P.O. Box 598
East Dennis, MA 02641

Home: 508-385-8930
Business: 617-899-2112
Email: gaccione@hcp.med.harvard.edu

Education

1982 M.A. Statistics Boston Univ., Boston, MA
1974 B.A. Mathematics Univ. of Connecticut, Storrs, CT

1984-Present INDEPENDENT CONSULTANT

Statistical Design, Analysis, and Programming for corporate/academic projects. I usually program all statistical consulting projects and team with other programmers for data set and table/figure/listing generation and QC. (See publications for analysis descriptions.)

CORPORATE: Clinical Trials: Design and analyze all phases of clinical trials, write analysis plans, supervise programmers, interface with CRO's and corporate personnel, program output. Clients include **Abt Associates, Inc., MDCI, Ergo Science Development Corp., Serono, Inc., Biogen, Inc., Sepracor, Inc., Foresight, Inc., Repligen, Inc., Genzyme Corp., ARIAD Pharmaceuticals, Inc., Pulmatrix, Inc., Surface Logix, Inc. and Pervasis Therapeutics, Inc.**

ACADEMIC: Clinical/Health Care/Education: Time to event analysis, mixed models, poisson, logistic regression, CART, propensity score applications. Programming work with Medicare claims and other large data sets. (**Harvard Medical School and Partners Health Care - BWH**). Develop valid and reliable measurement instruments by doing pilot studies and then applying factor analysis and principal components analysis to refine and finalize them (**Bost. Univ.**)

1991-96: STATISTICAL AND DATA ANALYSIS CENTER, HARVARD SCHOOL OF PUBLIC HEALTH, BOSTON, MA

Director of Statistical Computing

SDAC is the data management and statistical analysis center for the AIDS Clinical Trials Group. Networked UNIX workstations and PC's serve about 75 Ph.D. and MA statisticians.

Technical Responsibilities:

- . Oversee all hardware and software planning, purchasing, installation, and integration.
- . Design and implement new system configurations, supervising a staff of 3.
- . Prepare and monitor equipment budget (\$200K/year).
- . Work with computing groups on information centralization and licensing.
- . Perform performance monitoring and tuning by implementing system and third party utilities for data collection and personal programs for analysis of resulting measurements.
- . Guide the interaction of data management and analysis centers.

Statistical Responsibilities:

- . Participate in analysis of clinical trial data.
- . Maintain a state of the art array of statistical software, consisting of commercial products such as SAS, SPlus, and BMDP, as well as noncommercial or locally produced programs, and become expert in its use.
- . Prepare and present statistical software information via electronic means, at in-house seminars, and at local and national SAS meetings and conferences.

1990-91: STATISTICS UNLIMITED, INC., WELLESLEY, MA, Senior Research Associate

- . Consult with clients on design and analysis of their projects. Perform specialized data management and computer programming. Aid in developing an automatic data input, analysis, and report generation set of DEC DCL and SAS programs.
- . Act as the technical staff integrating hardware and software.
- . Conduct research in design and analysis of small samples.

1989-90: CIBA CORNING DIAGNOSTICS CORPORATION, MEDFIELD, MA, Statistician and Programmer

- . Provide design, analysis, and programming support for experiments on products under development and for continuing support after sale release.
- . Consult to senior scientists and project managers.
- . Supervise technicians running experiments and handling data.
- . Managed all programming activities of the Evaluation Dept.

1985-89: CHANNING LABORATORY, BOSTON, MA, A Harvard Medical epidemiological and biomedical group.

System Manager: coordinated all computing operations, from planning and locating, to purchase, installation, and maintenance of hardware, software and peripherals for a Data General time share system servicing about 50 users.

Lead Applications Programmer: provided source code for statistical algorithms, and acquire, transfer, modify and program software for smaller projects.

Data Management Supervisor: oversaw all aspects of data management - coding instruments, research assistants, junior programmers, data storage, editing, transferral, access, revision, security, and integrity.

Statistician: assisted doctors fellows with analysis; work included linear modeling and longitudinal data analysis.

1983-85 CARDIOLOGY RESEARCH, BOSTON, MA

A small biomedical research group at Boston City Hospital.

. As **Senior Programmer** coordinated programming related activities, data entry to analysis. Program in SAS, and FORTRAN in an IBM mainframe environment.

. As **Statistician** assisted senior statisticians with analysis for group projects and papers. Work featured factor analysis and proportional hazards regression models.

1984-98 CAPE COD COMMUNITY COLLEGE, W. BARNSTABLE, MA

Adjunct Lecturer of Mathematics - Statistics and Precalculus

1979-83 CHAMBERLAYNE JUNIOR COLLEGE, BOSTON, MA

Asst. Prof. of Mathematics: Design mathematics curriculum. Lecture in all areas of two-year college math (tech. math to calculus). Chair Faculty Board, serve on Dean Search Committee, represent faculty to Board of Trustees.

Professional Societies: American Statistical Association, Boston and NorthEast SAS Users Groups

Publications

McCormack, A., Burgess, A., and Gaccione, P. (1986). **Influence of Family Structure and Financial Stability on Physical and Sexual Abuse Among a Runaway Population. International Journal of Sociology of the Family, 16, 251-262.**

Hanrahan, JP, Safran, C, Segal, MR, Gaccione, P, Weiss, ST, and Speizer, FE. **Prediction of Intensive Care Mortality by Classification Trees. American Thoracic Society.**

Burgess, AW, Lerner, DJ, D'Agostino, RB, Vokonas, P, Hartman, C, Gaccione, P. (1987). **A Randomized Control Trial of Cardiac Rehabilitation. Soc. Sci. Med. 4, 359-370.**

Selwyn, MR, Gaccione, P, Moseley, SE, Ashe, VM. (1991). **The TPSTAT System for the Analysis and Reporting of Toxicology and Pathology Data and its Implementation Under Version 6 of SAS Software. Proc. of the 16th Annual SAS Users Group Conference.**

Gaccione, P. (1991). **Two Measures of Rating Reliability. Proc. of the Fourth Annual NorthEast SAS Users Group Conference.**

Gaccione, P. (1992). **An In-Depth Look at the PHREG Procedure. Proc. of the Fifth Annual NorthEast SAS Users Group Conference.**

Armstrong, JA, McMahon, D., Juang, XL, Pazin, GJ, Gupta, P, Rinaldo, CR Jr., Schoenfeld, DA, Gaccione, P, et al. **A Phase I Study of Ampligen in Human Immunodeficiency Virus-Infected Subjects. Journal of Infectious Diseases 1992;166:717-722.**

Selwyn, MR, and Gaccione, P. (1993). **Assessing Normality and Equivariance in Small Multigroup Samples. Communications in Statistics, Part B-Simulation and Computation, 22(1), 61-79.**

Gaccione, P. (1993). **What's Happening On Your Unix System? Proc. of the Sixth Annual NorthEast SAS Users Group Conference.**

Gaccione, P. (1993). **Data Step Kappa Computations. Hands On Workshop Presented at the 18th Annual SAS Users Group Conference.**

Gaccione, P. (1994). **How To Survive PROC LIFETEST. Proceedings of the Seventh Annual Northeast SAS Users Group Conference.**

Gaccione, P. (1995). **More on PROC PHREG: Conditional Logistic Regression (Or Should We Do Another Study?). Proceedings of the Eighth Annual Northeast SAS Users Group Conference.**

Gaccione, P. (1996). **Multiple Plots Per Page? - Graphics and Template Catalogs Make It Easy. Proceedings of the 21st Annual SAS Users Group Conference.**

Blanchard, MS, and Gaccione, P. (1997). **Nonlinear Mixed Effects Models ... Proceedings of the Tenth Annual NorthEast SAS Users Group Conference.**

Gaccione, P., and Blanchard, MS (1998). **Nonlinear Mixed Effects Models for Repeated Measures. Proceedings of the 23rd Annual SAS Users Group Conference.**

Gaccione, P., (2000). **Nonlinear Least Squares Analysis of HIV Viral Load Data - Aids in Parameter Estimation. Proceedings of PharmaSUG 2001.**

Horvitz-Lennon, M, Normand, SL, Gaccione, P., Frank, R (2001). **Partial Versus Full Hospitalization for Adults in Psychiatric Distress: A Systematic Review of the Published Literature (1957-1997). Am J Psychiatry, 158:5:676-685.**

Ayanian, John Z., Landrum, Mary Beth, Guadagnoli, E., and Gaccione, P. (2002). **Specialty of Ambulatory Care Physicians and Mortality Among Elderly Patients After Myocardial Infarction.** *NEJM*, 347:21:1678-1686.

Murray, F., Muurahainen, N., Gertner, J., Williams, A., Santos, G., Scheperle, M., Richmond, G., Finkelstein, J., Nebiolo, L., Gaccione, P. **Patient Acceptance of a Needle-Free Device (SeroJet) for Administering Recombinant Human Growth Hormone in the Treatment of HIV Infection-Associated Cachexia.** *Journal of New Developments in Clinical Medicine* (4th Q, 2001), 19:4:283:295.

Reed, A., Gaccione, P., Belkin, M., Donaldson, M., Mannick, J., Whittemore, A., Conte, M. **Preoperative Risk Factors for Carotid Endarterectomy: Defining the High Risk Patient.** *Journal of Vascular Surgery* (2003, in press).

Daar, E, Gaccione, P, Muurahainen, N, Kotler, DP, Landy, H. **Treatment of AIDS Wasting With Mammalian Cell-Derived Recombinant Human Growth Hormone (r-hGH[m]) is Associated With Improved Survival.** 5th Int'l Conference on Drug Therapy in AIDS, Glasgow, 10/2000.

Jacot, J., A., Abdullah, I., Belkin, M., Gerhard-Herman, M., Gaccione, P., Polak, J., Donaldson, M., Whittemore, A., Conte, M. **Early Adaptation of Human Lower Extremity Vein Grafts: Wall Stiffness Changes Accompany Geometric Remodeling.** *Journal of Vascular Surgery* (2003, in press).

Owens CD, Wake N, Jacot JG, Gerhard-Herman M, Gaccione P, Belkin M, Creager MA, Conte MS. [Early biomechanical changes in lower extremity vein grafts-distinct temporal phases of remodeling and wall stiffness.](#) *J Vasc Surg.* 2006 Aug 19.

Jacobson, M., O'Malley, A. J., Earle, C. C., Pakes, J., Gaccione, P., Newhouse, J. P. (2006). **Does reimbursement influence chemotherapy treatment for cancer patients?** *Health Aff (Millwood)* 25: 437-443.

Balboni, TA, Gaccione, P, Gobezie, R, Mamon, HJ. (2007). **Shielding of the Hip Prosthesis During Radiation Therapy for Heterotopic Ossification is Associated with Increased Failure of Prophylaxis.** [Int J Radiat Oncol Biol Phys.](#) 2007 Apr 1;67(5):1499-505. Epub 2007 Jan 17.

Tchernis, R, Normand, SL, Pakes, J, Gaccione, P, Newhouse, JP (2006). **Selection and plan switching behavior.** *Inquiry.* 2006 Spring;43(1):10-22.

Conte, M., Nugent, H., Gaccione, P., Guleria, I., Roy-Chaudhury, R., Lawson, J. **Multicenter trial of the safety of allogeneic endothelial cell implants after the creation of arteriovenous access for hemodialysis use: The V-HEALTH study.** *J Vasc Surg.*, Vol.50, Num. 6, Dec. 2009 Index Issue.